

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
13 July 2000 (13.07.2000)

PCT

(10) International Publication Number
WO 00/40569 A1(51) International Patent Classification⁷: C07D 265/24, 498/04, 413/12, A61K 31/536, A61P 3/04 // (C07D 498/04, 265/00, 221/00)

(74) Agents: FLORENCE, Julia, Anne et al.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(21) International Application Number: PCT/GB00/00031

(81) Designated States (national): AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZW.

(22) International Filing Date: 6 January 2000 (06.01.2000)

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

Published:

— With international search report.

(26) Publication Language: English

(88) Date of publication of the revised international search report: 15 March 2001

(30) Priority Data:
9900416.0 8 January 1999 (08.01.1999) GB

(48) Date of publication of this corrected version: 28 June 2001

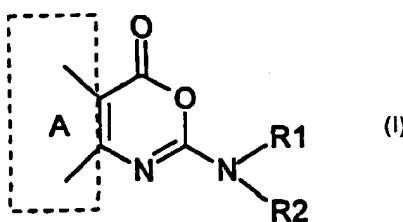
(71) Applicant (for all designated States except US): ALIZYME THERAPEUTICS LIMITED [GB/GB]; Granta Park, Great Abingdon, Cambridge CB1 6GS (GB).

(15) Information about Corrections:
see PCT Gazette No. 26/2001 of 28 June 2001, Section II
Previous Correction:
see PCT Gazette No. 11/2001 of 15 March 2001, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: 2-AMINO-BENZOXAZINONE DERIVATIVES FOR THE TREATMENT OF OBESITY

WO 00/40569 A1

(57) Abstract: The use of a compound comprising formula (I) or a salt, ester, amide or prodrug thereof in the inhibition of an enzyme whose preferred mode of action is to catalyse the hydrolysis of an ester functionality, e.g. in the control and inhibition of unwanted enzymes in products and processes. The compounds are also useful in medicine e.g. in the treatment of obesity and related conditions. The invention also relates to novel compounds within formula (I), to processes for preparing them and pharmaceutical compositions containing them. In formula (I) A is a 6-membered aromatic or heteroaromatic ring; and R¹ is a branched or unbranched alkyl (optionally interrupted by one or more oxygen atoms), alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aryl, arylalkyl, reduced arylalkyl, arylalkenyl, heteroaryl, heteroarylalkyl, heteroarylalkenyl, reduced aryl, reduced heteroaryl, reduced heteroarylalkyl or a substituted derivative of any of the foregoing groups.